Personal Information

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(ix) Present Rank/Salary Cadre: Lecturer I, CONUASS 04.

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(xiii) Researchgate Address: https://www.researchgate.net/profile/Tolulope-Erinosho-2

(xiv) Qualifications:

a. Ph.D. Electrical & Electronics Engineering (Communications & DSP Option) 2023

b. MSc. Electrical Engineering (Communication Option) 2016

c. B.Eng. Electrical and Electronics Engineering 2008

d. Senior Secondary School Certificate 1994

(xvi) Membership of Learned Professional Bodies

(i) Member, Council for the Regulation of Engineering in Nigeria 2014

(ii) Member, Nigeria Society of Engineers (MNSE) 2013

(iii) Member, Nigeria Institution of Electrical and Electronic Engineers 2017

(iv) Member, Society of Women Engineers (SWE) 2011

(v) Member, Institute of Electrical Electronics Engineers (MIEEE), USA 2017

(vi) Member, International Association of Engineers, IAE 2018

(vii) Member, Association of Professional Women Engineers in Nigeria 2017

(viii) International Health, Safety and Environment Professional (HSE Level 1,2,3) 2020

(xv) Award Received

1. Fall 2022 Techwomen Fellowship Award, A 5-week program held at California/Washington DC USA, fully funded by United States Department of State's Bureau of Educational and Cultural Affairs (ECA).

2022

2. Leadership Award, Association of Professional Women Engineers, Abeokuta Chapter.

2021

3. Outstanding Service Award, The Nigerian Institute of Electrical and Electronics Engineers, (NIEEE) Abeokuta Chapter. 2021

4. Award of Excellence, ISTEAMS at 2019 ISTEAMS Conference at D.S. Adegbenro I.C.T. Polytechnic, Eruku, Itori - Ewekoro, Ogun State. 2019

5. Outstanding Service Award, The Nigerian Institute of Electrical and Electronics Engineers, (NIEEE) Abeokuta Chapter. 2019

6. Ph.D Post-Graduate Scholarship Award, Egba Leventis Scholarship Scheme 2017

7. 3-year Undergraduate Scholarship Award by the Ogun State Government. 2007

8. 3-year Undergraduate Scholarship Award by the Egba Leventis Scholarship Scheme 2006

(xvi) Researches Conducted

(xvii) Conferences Attended

i) 18th International Conference and Exhibition on Power and Telecommunications (ICEPT 2022) organized by The Nigerian Institute of Electrical and Electronic Engineers, NIEEE. October,

2022

ii) 17th International Conference and Exhibition on Power and Telecommunications (ICEPT 2021) organized by The Nigerian Institute of Electrical and Electronic Engineers, NIEEE. October, 2021

iii) 2021 International Conference of Association of Professional Women Engineers of Nigeria, tagged

“Women Engineers Driving Digital Transformation in Nigeria, Abuja, Nigeria. September, 2021

iv) 3rd International Conference on Science Engineering and Technology held at Federal University of

Agriculture, Abeokuta, Nigeria. March 2021

v) Photonics and Electromagnetics Research Symposium-Spring (PIERS-Spring), Rome, Italy. 2019

vi) 3rd International Conference on Electro Technology for National Development, Nigeria (NIGERCON 2017) organized by Institute of Electrical and Electronics Engineers (IEEE). November, 2017

(xviii) Publications

1. K.A. Amusa, A. Adewusi, T.C. Erinosho, S.A. Salawu and D.O. Odufejo (2022). On the Application of Wavelet Transform and Huffman Algorithm to Yorùbá Language Syntax Text Files Compression. Serbian Journal of Electrical Engineering. 19(3):351-368. https://doi.org/10.2298/SJEE2203351A

2. K.A. Amusa, A.J. Olanipekun, T.C. Erinosho, A.K. Salaam and S.S. Rasaq (2022). Development of a PC-based Sign Language Translator. International Journal of Informatics and Communication Technology. 12(1): 23-31. http://doi.org/10.11591/ijict.v12i1.pp23-31.

3. A.O. Ilori, K.A. Amusa and T.C. Erinosho (2022). Digital Terrestrial Television in Nigeria: a technical review of Path loss Modelling and Optimization Techniques. 11(3):277-286. http://doi.org/10.11591/ijaas.v11.i3.pp277-286.

4. T.C. Erinosho, S.A. Adekola, A.T. Akinwale, O.A. Fakolujo and K.A. Amusa, 2021. Systematic Review of Internet of Energy. Proceedings of the 3 rd International Conference, College of Engineering, Abeokuta, Ogun State, Nigeria.

5. K.A. Amusa, A. Adewusi., T. C. Erinosho and V.O. Solana (2020). Optimized enhancement

scheme for low contrast underwater images. Engineering Research Express Published by IOP Publishing Ltd, UK. 2 (2020) 035043:1-15. https://doi.org/10.1088/2631-8695/abba09

6. T.C. Erinosho, S.A. Adekola and K.A. Amusa (2020). Impedance Matching Techniques in Half-Wave Dipoles for Radio Frequency Energy Scavenging. Premier Journal of Engineering and Applied Sciences, Published by Nigerian Society of Engineers, Ibadan Branch. 1(2):58-68 https://nseibadan.org.ng/journals/vol1no2.pdf

7. T.C. Erinosho, S.A. Adekola and K.A. Amusa (2020). Grating Lobes Suppression in Linear Arrays of Resonant Half-Wave Dipoles. Premier Journal of Engineering and Applied Sciences, Published by Nigerian Society of Engineers, Ibadan Branch. 1(2):114-123

8. T.C. Erinosho, S.A. Adekola and K.A. Amusa (2019). Design of Practical RECTENNAS for RF Energy Harvesting. PIERS-Spring, Rome, Italy, 1149-1156. Published by IEEE. https://doi:10.1109/PIERS-Spring46901.2019.9017285

9. T.C. Erinosho, S.A. Adekola and K.A. Amusa (2019). Resonant Half-Wave Dipoles and its Odd Integral Multiples. (2019 PIERS-Spring), Rome, Italy, 1405-1412. Published by IEEE. https://doi:10.1109/PIERS- Spring46901.2019.9017291

10. T. C. Erinosho and S. A. Adekola (2019). Vertically Stacked Binomial-arrays of Resonant Dipoles for Mobile Wireless Communication and Scavenging Applications. (2019 PIERS-Spring), Rome, Italy, 1405-1412. Published by IEEE. https://doi.org/10.1109/PIERS-Spring46901.2019.9017909

11. Erinosho T.C., S.A. Adekola and Amusa K.A. (2018). Comparative Analysis of Broadside and End-fire Linear Arrays of Dipoles for Radio Broadcasting in Nigeria. Umudike Journal of Engineering and Technology, Published by Michael Okpara University of Agriculture, Umudike. 4(2):19-26. www.ujetmouau.com/vol4-2/